

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048783.D
 Acq On : 20 Apr 2021 4:23
 Operator : CG/JU
 Sample : M2079-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-13

Quant Time: Apr 20 05:52:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 15:59:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

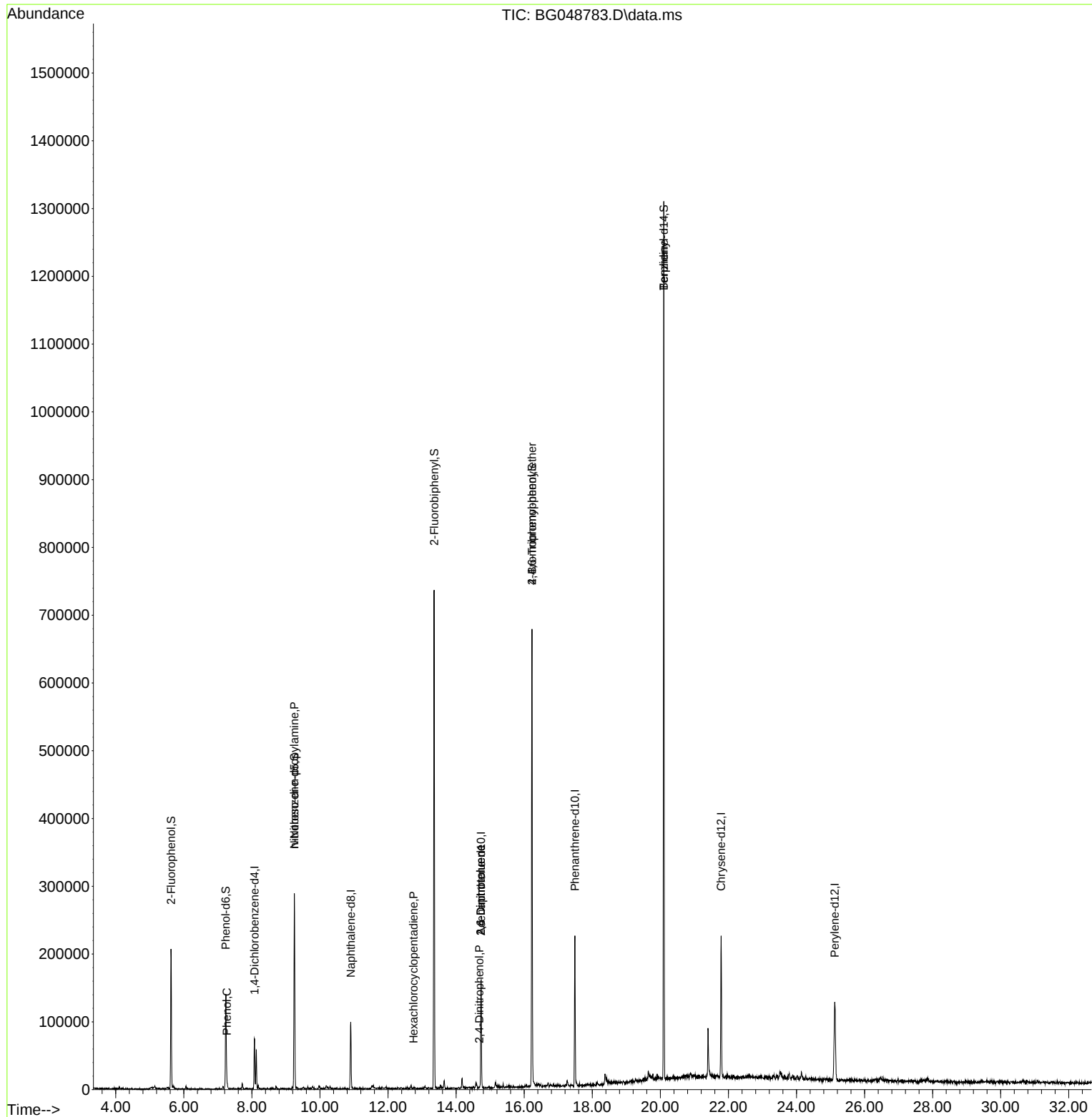
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	17728	20.00	ng	0.00
21) Naphthalene-d8	10.906	136	75654	20.00	ng	# 0.00
39) Acenaphthene-d10	14.736	164	57243	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	132014	20.00	ng	# 0.00
76) Chrysene-d12	21.787	240	122021	20.00	ng	-0.01
86) Perylene-d12	25.124	264	121463	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.623	112	77984	73.57	ng	0.00
7) Phenol-d6	7.233	99	65226	43.50	ng	0.00
23) Nitrobenzene-d5	9.249	82	159188	94.20	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	108217	141.00	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	363341	91.66	ng	0.00
79) Terphenyl-d14	20.101	244	560929	79.12	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.269	94	4690	3.18	ng	93
19) n-Nitroso-di-n-propyla...	9.249	70	26460	26.16	ng	# 75
41) Hexachlorocyclopentadiene	12.750	237	65	5.92	ng	# 31
51) 2,6-Dinitrotoluene	14.730	165	7197	7.27	ng	# 10
54) 2,4-Dinitrophenol	14.683	184	56	5.37	ng	# 8
57) 2,4-Dinitrotoluene	14.730	165	7197	5.00	ng	# 15
67) 4-Bromophenyl-phenylether	16.229	248	8862	5.83	ng	# 1
77) Benzidine	20.101	184	12543	3.79	ng	# 88

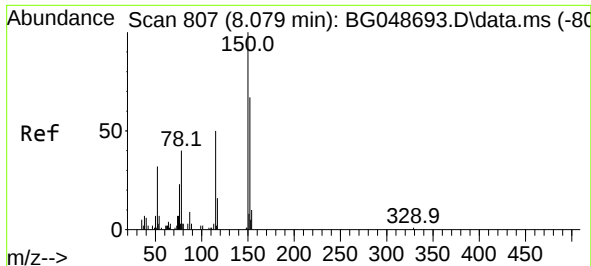
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 16 15:59:00 2021
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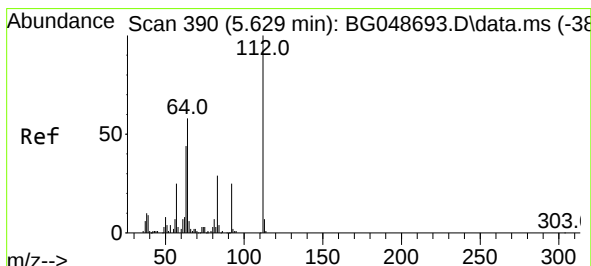
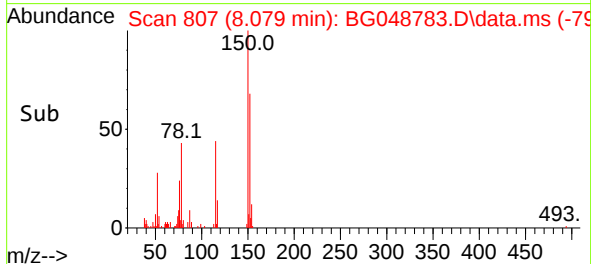
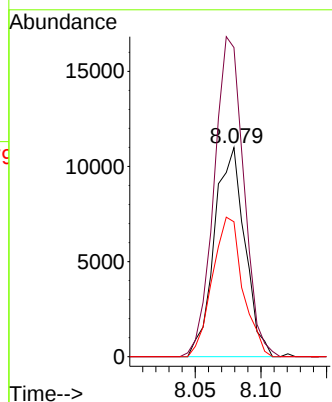
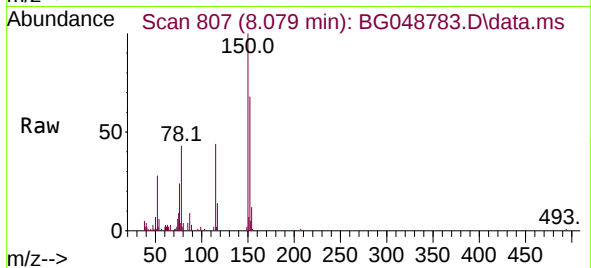




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.079 min Scan# 807
Delta R.T. -0.001 min
Lab File: BG048783.D
Acq: 20 Apr 2021 4:23

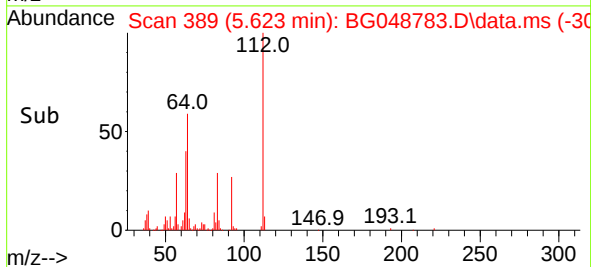
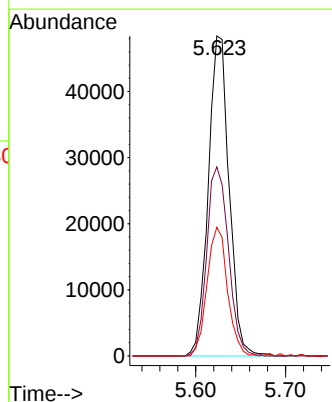
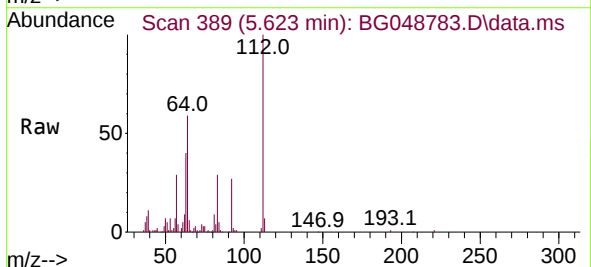
Instrument :
BNA_G
ClientSampleId :
MW-13

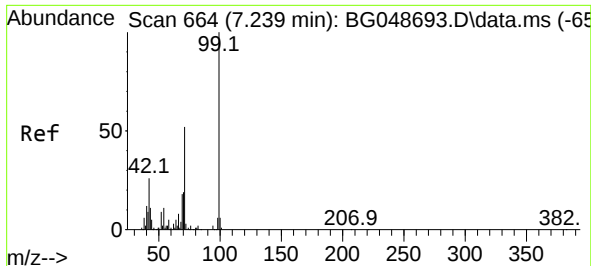
Tgt Ion:152 Resp: 17728
Ion Ratio Lower Upper
152 100
150 147.8 119.4 179.0
115 64.6 60.2 90.4



#5
2-Fluorophenol
Concen: 73.57 ng
RT: 5.623 min Scan# 389
Delta R.T. -0.006 min
Lab File: BG048783.D
Acq: 20 Apr 2021 4:23

Tgt Ion:112 Resp: 77984
Ion Ratio Lower Upper
112 100
64 59.1 46.7 70.1
63 40.2 35.3 52.9

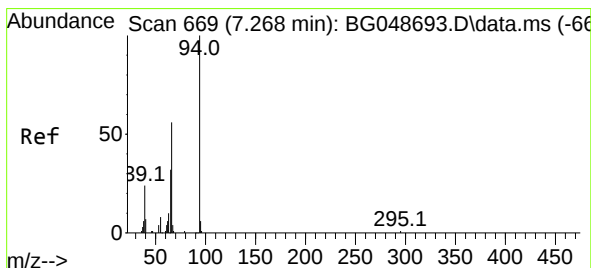
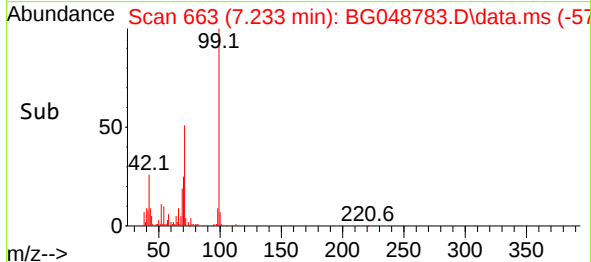
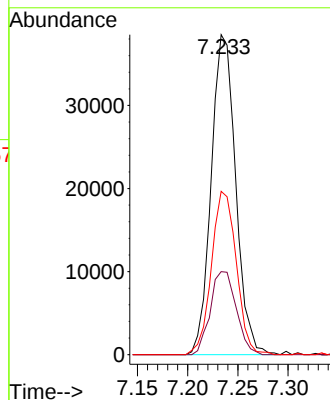
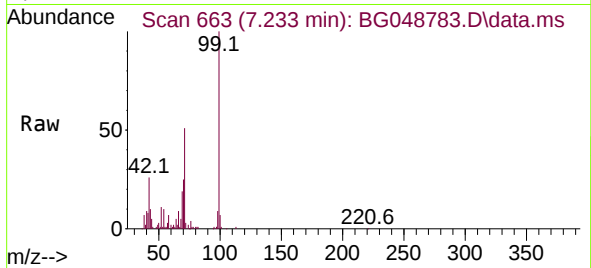




#7
Phenol-d6
Concen: 43.50 ng
RT: 7.233 min Scan# 663
Delta R.T. -0.006 min
Lab File: BG048783.D
Acq: 20 Apr 2021 4:23

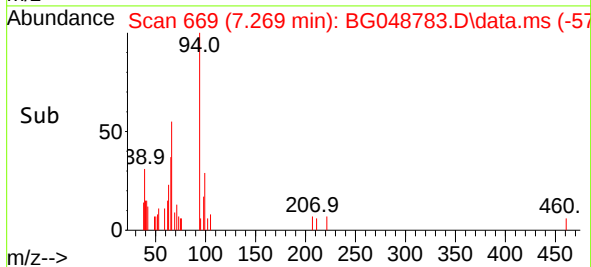
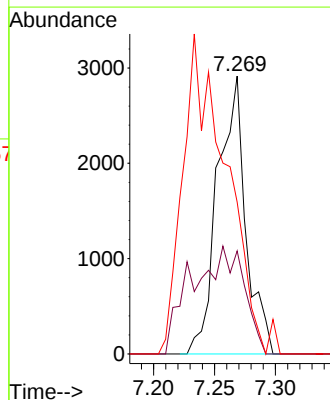
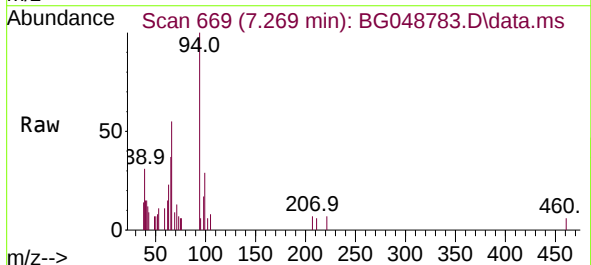
Instrument :
BNA_G
ClientSampleId :
MW-13

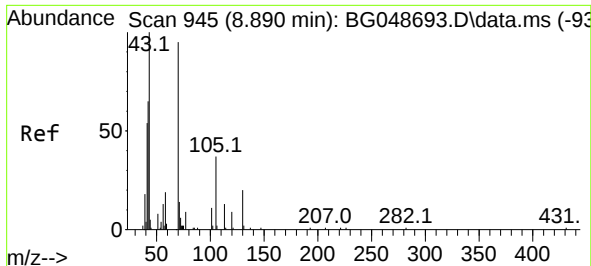
Tgt Ion: 99 Resp: 65226
Ion Ratio Lower Upper
99 100
42 25.9 20.5 30.7
71 51.0 41.5 62.3



#10
Phenol
Concen: 3.18 ng
RT: 7.269 min Scan# 669
Delta R.T. -0.001 min
Lab File: BG048783.D
Acq: 20 Apr 2021 4:23

Tgt Ion: 94 Resp: 4690
Ion Ratio Lower Upper
94 100
65 37.1 12.9 52.9
66 54.6 39.4 79.4

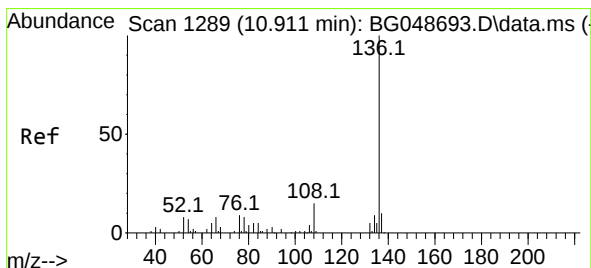
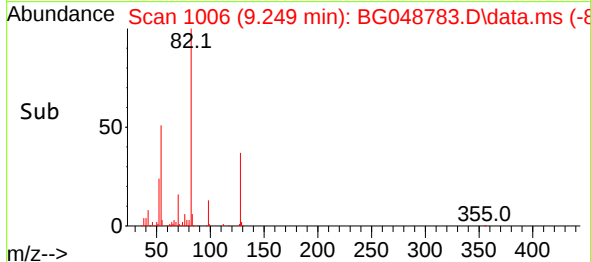
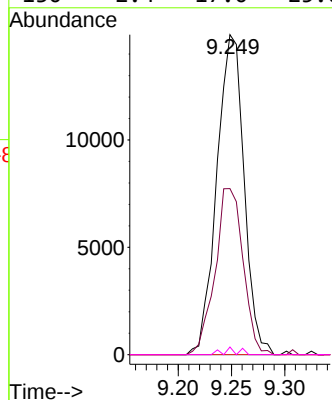
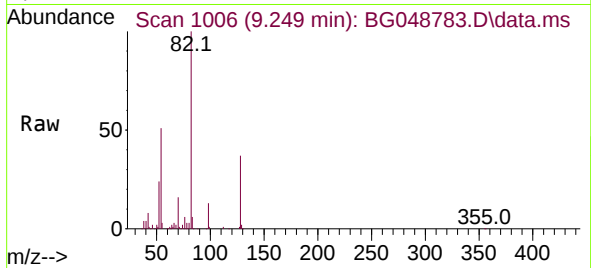




#19
n-Nitroso-di-n-propylamine
Concen: 26.16 ng
RT: 9.249 min Scan# 1006
Delta R.T. 0.358 min
Lab File: BG048783.D
Acq: 20 Apr 2021 4:23

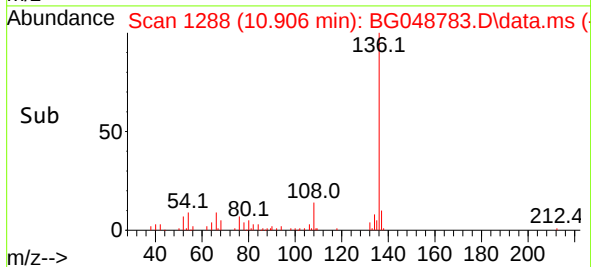
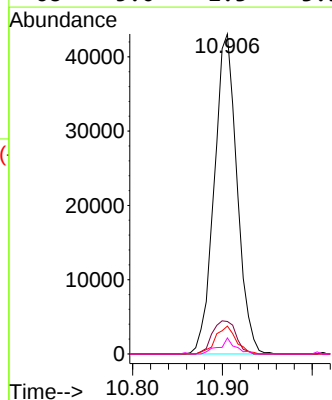
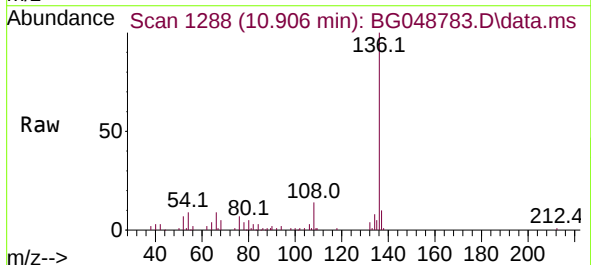
Instrument :
BNA_G
ClientSampled :
MW-13

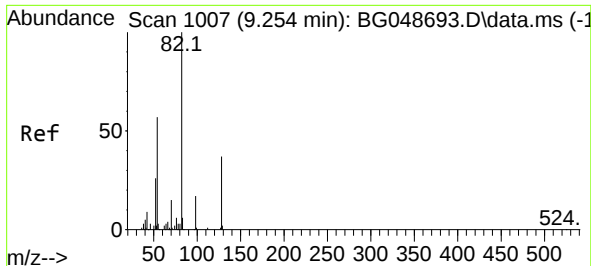
Tgt Ion: 70	Resp: 26460
Ion Ratio	Lower Upper
70 100	
42 51.9	54.5 81.7#
101 0.0	9.0 13.6#
130 2.4	17.0 25.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.906 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BG048783.D
Acq: 20 Apr 2021 4:23

Tgt Ion: 136	Resp: 75654
Ion Ratio	Lower Upper
136 100	
137 10.2	8.2 12.2
54 8.7	5.5 8.3#
68 5.0	2.3 3.5#

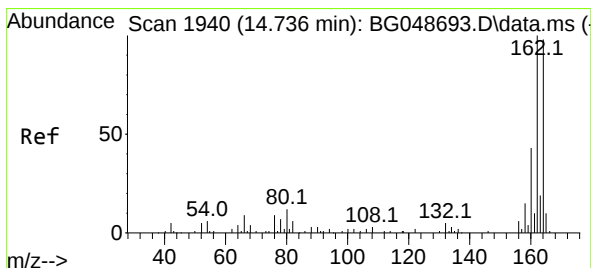
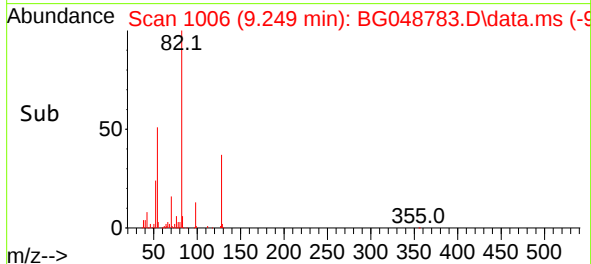
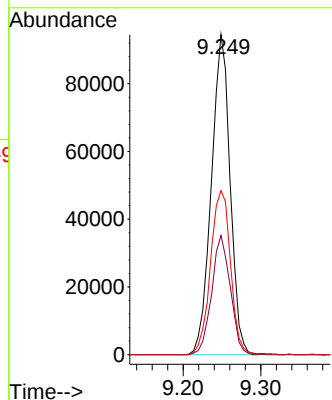
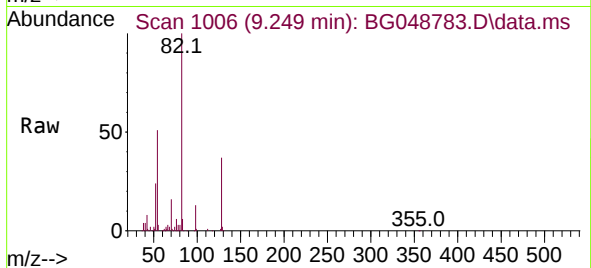




#23
Nitrobenzene-d5
Concen: 94.20 ng
RT: 9.249 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BG048783.D
Acq: 20 Apr 2021 4:23

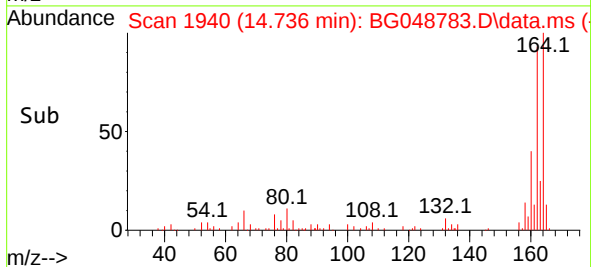
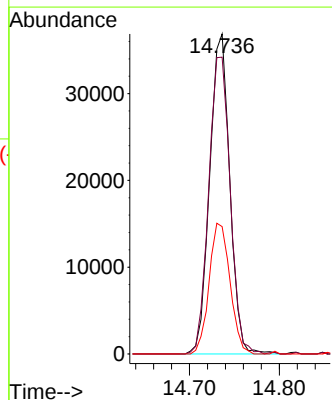
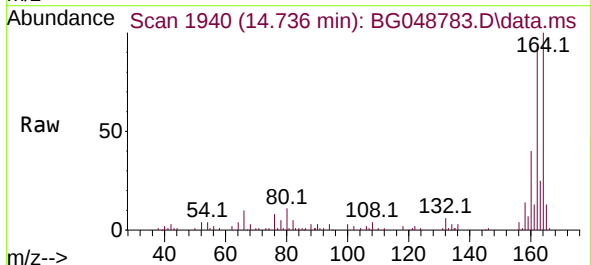
Instrument :
BNA_G
ClientSampleId :
MW-13

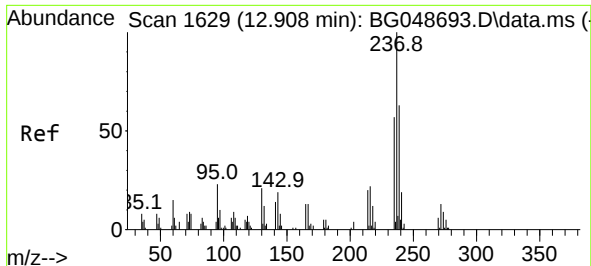
Tgt Ion: 82 Resp: 159188
Ion Ratio Lower Upper
82 100
128 37.2 29.8 44.6
54 51.2 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BG048783.D
Acq: 20 Apr 2021 4:23

Tgt Ion: 164 Resp: 57243
Ion Ratio Lower Upper
164 100
162 92.7 81.4 122.0
160 39.8 34.9 52.3

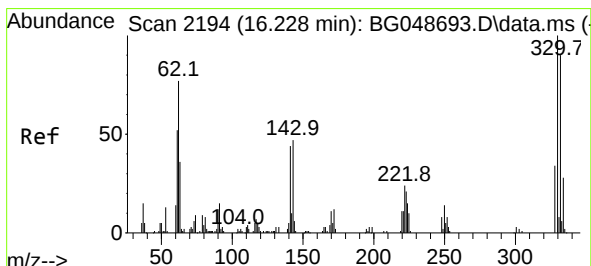
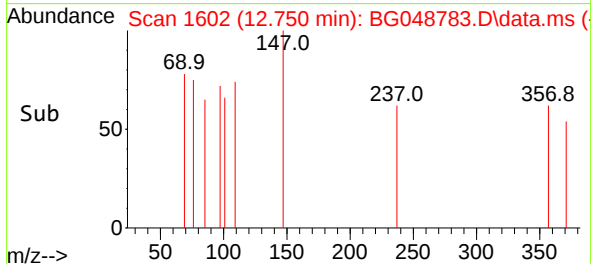
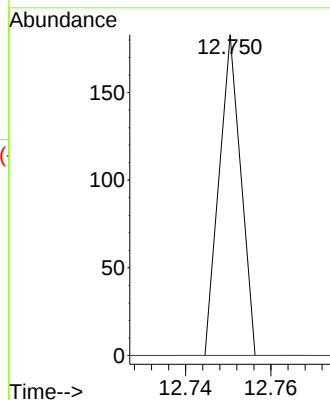
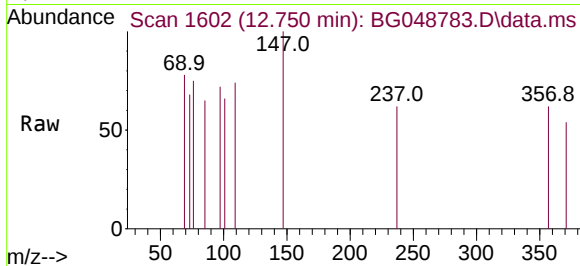




#41
Hexachlorocyclopentadiene
Concen: 5.92 ng
RT: 12.750 min Scan# 1602
Delta R.T. -0.159 min
Lab File: BG048783.D
Acq: 20 Apr 2021 4:23

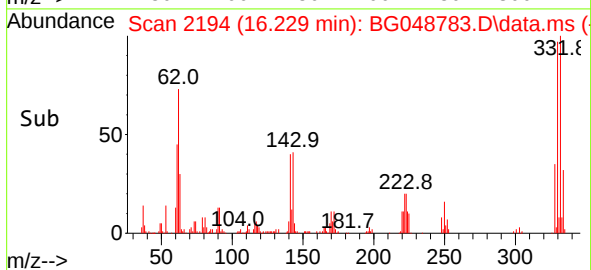
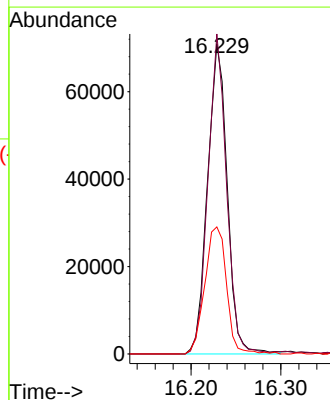
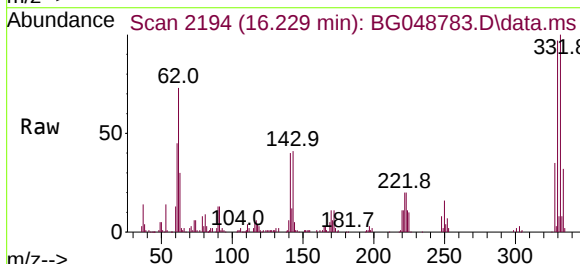
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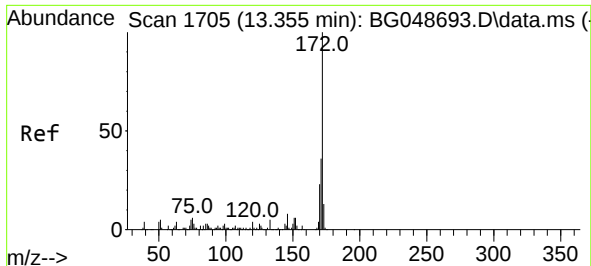
Tgt Ion:237	Resp:	65
Ion Ratio	Lower	Upper
237	100	
235	0.0	36.6 76.6#
272	0.0	0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 141.00 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BG048783.D
Acq: 20 Apr 2021 4:23

Tgt Ion:330	Resp:	108217
Ion Ratio	Lower	Upper
330	100	
332	97.2	77.3 115.9
141	45.2	35.6 53.4

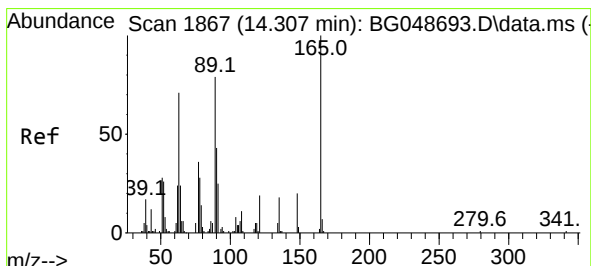
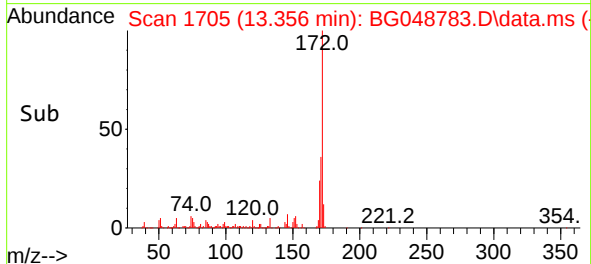
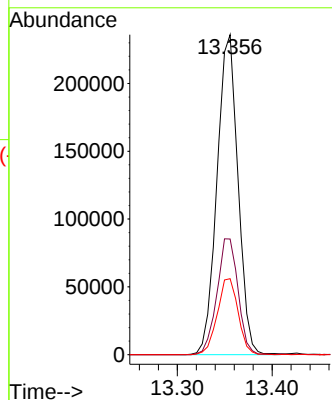
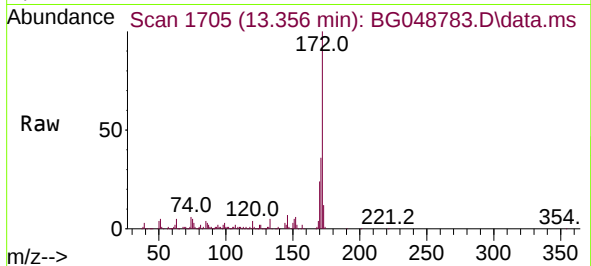




#45
2-Fluorobiphenyl
Concen: 91.66 ng
RT: 13.356 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG048783.D
Acq: 20 Apr 2021 4:23

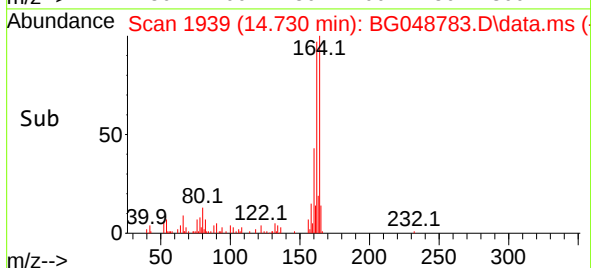
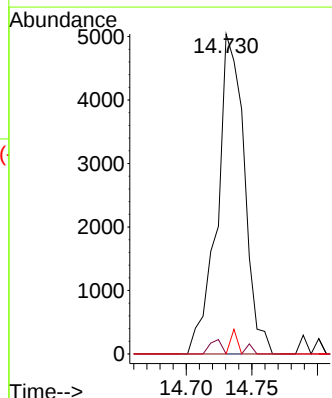
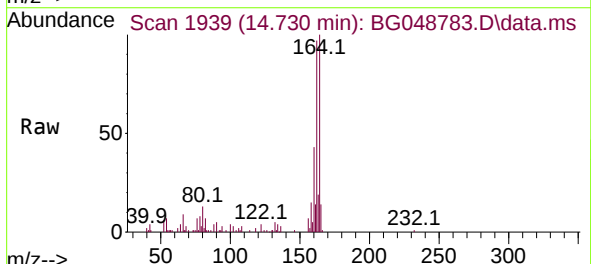
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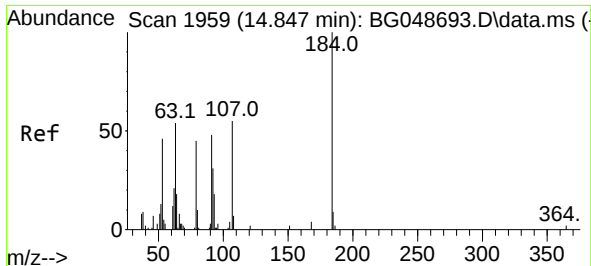
Tgt Ion:172 Resp: 363341
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.8 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.27 ng
RT: 14.730 min Scan# 1939
Delta R.T. 0.417 min
Lab File: BG048783.D
Acq: 20 Apr 2021 4:23

Tgt Ion:165 Resp: 7197
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

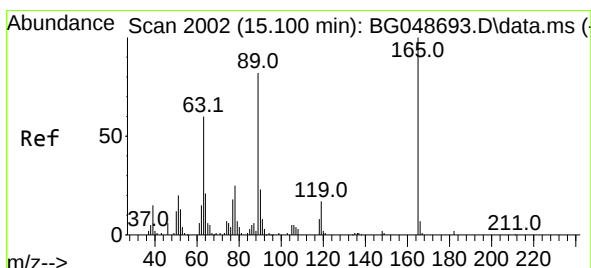
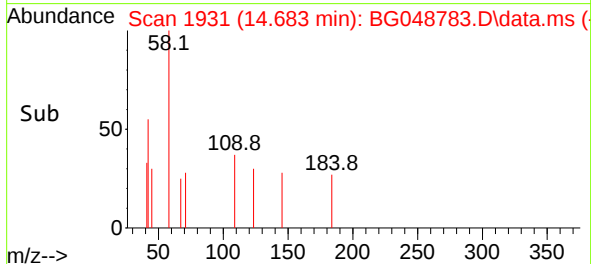
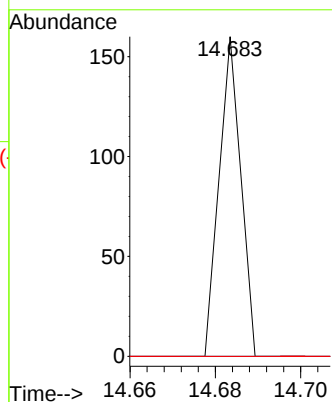
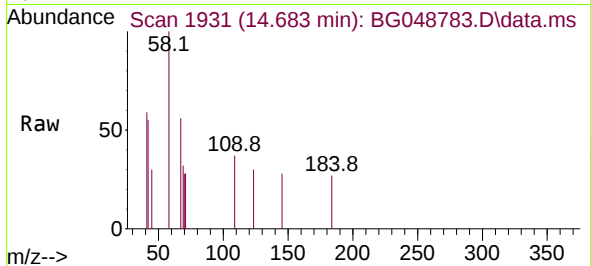




#54
2,4-Dinitrophenol
Concen: 5.37 ng
RT: 14.683 min Scan# 1931
Delta R.T. -0.171 min
Lab File: BG048783.D
Acq: 20 Apr 2021 4:23

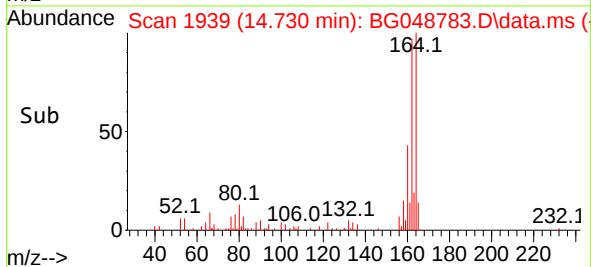
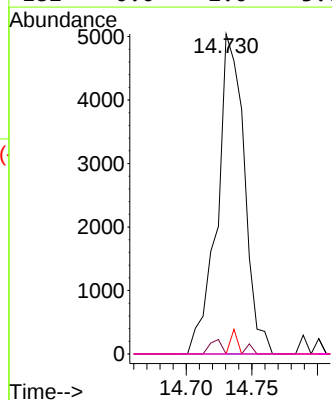
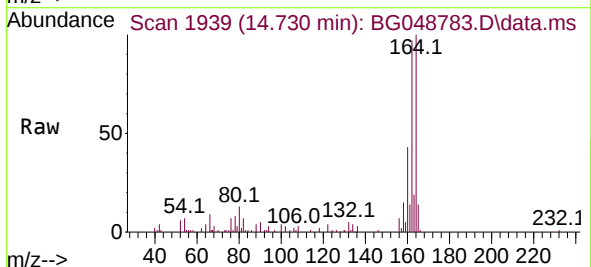
Instrument :
BNA_G
ClientSampled :
MW-13

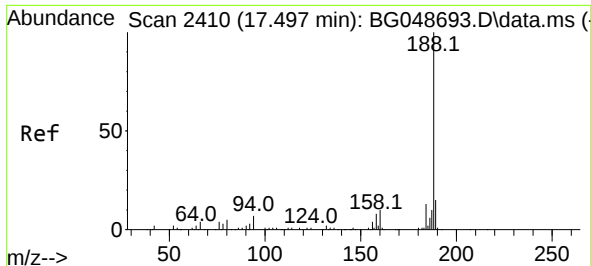
Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 5.00 ng
RT: 14.730 min Scan# 1939
Delta R.T. -0.371 min
Lab File: BG048783.D
Acq: 20 Apr 2021 4:23

Tgt Ion:165 Resp: 7197
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

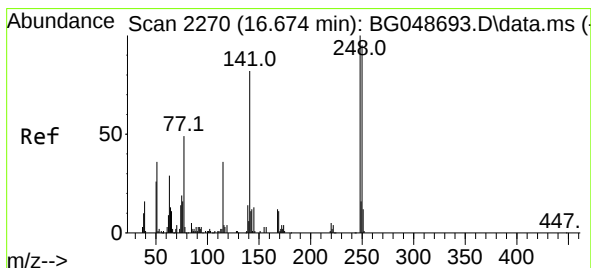
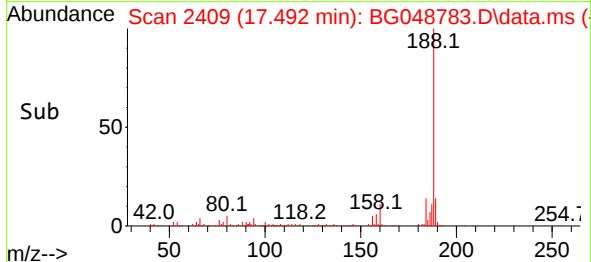
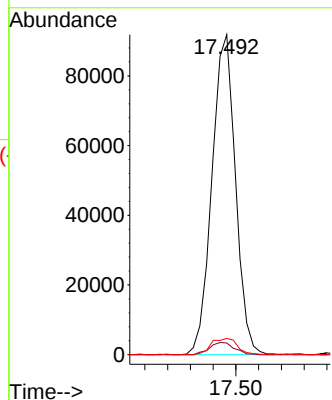
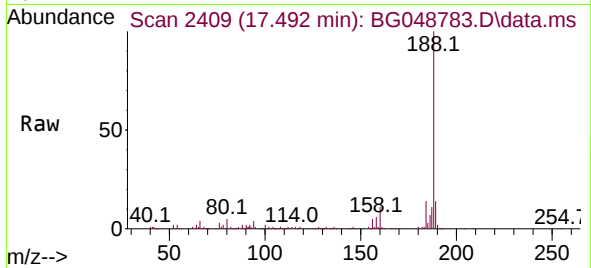




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048783.D
Acq: 20 Apr 2021 4:23

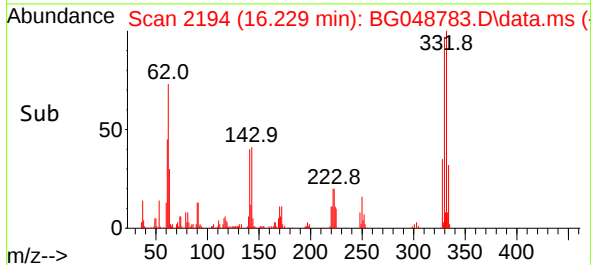
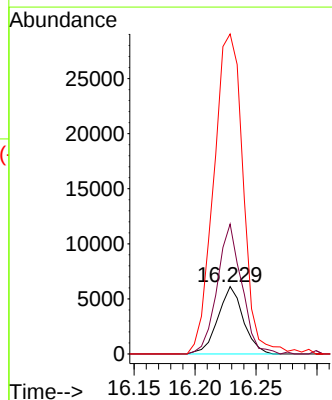
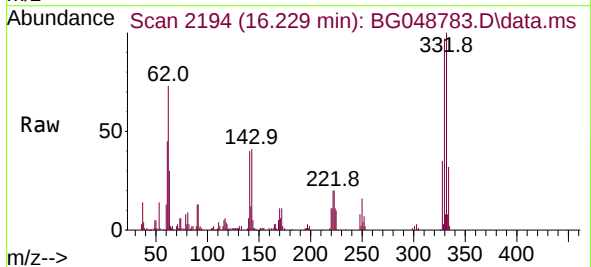
Instrument :
BNA_G
ClientSampleId :
MW-13

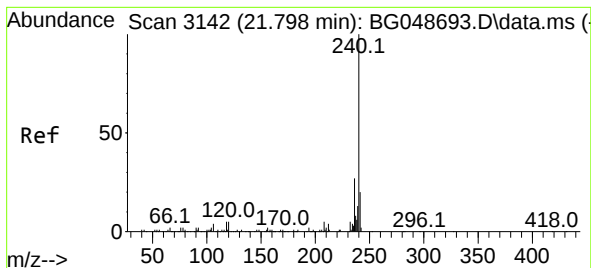
Tgt Ion:188 Resp: 132014
Ion Ratio Lower Upper
188 100
94 3.6 5.4 8.0#
80 5.1 3.7 5.5



#67
4-Bromophenyl-phenylether
Concen: 5.83 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.447 min
Lab File: BG048783.D
Acq: 20 Apr 2021 4:23

Tgt Ion:248 Resp: 8862
Ion Ratio Lower Upper
248 100
250 193.0 76.1 114.1#
141 475.1 65.4 98.2#

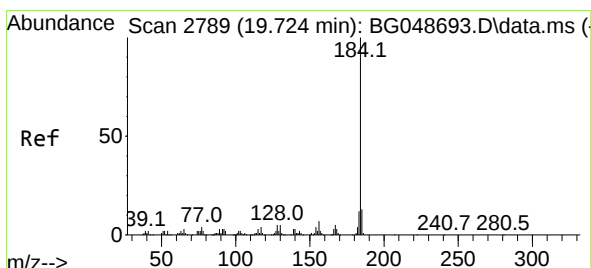
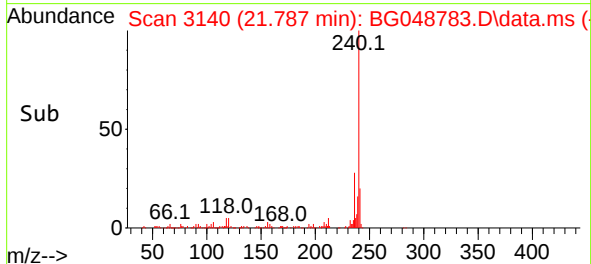
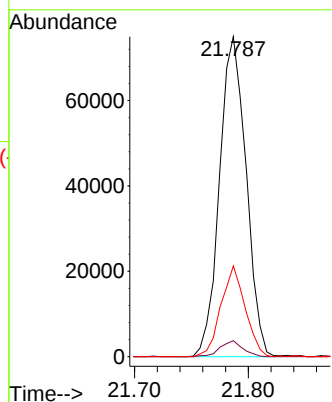
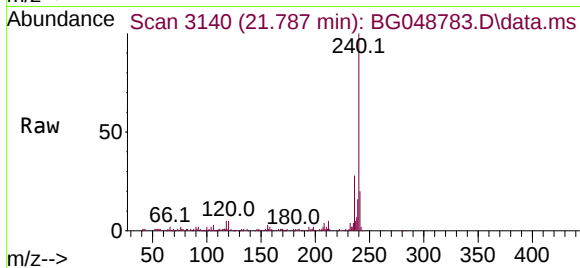




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.787 min Scan# 3140
Delta R.T. -0.012 min
Lab File: BG048783.D
Acq: 20 Apr 2021 4:23

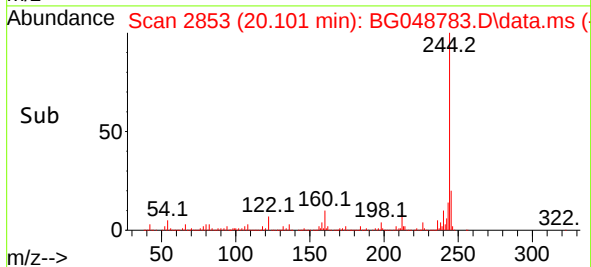
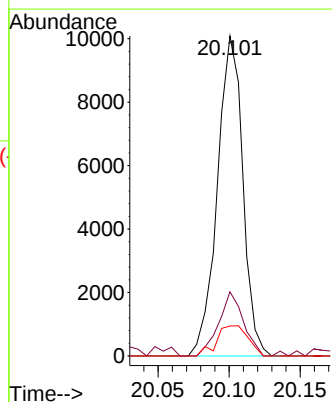
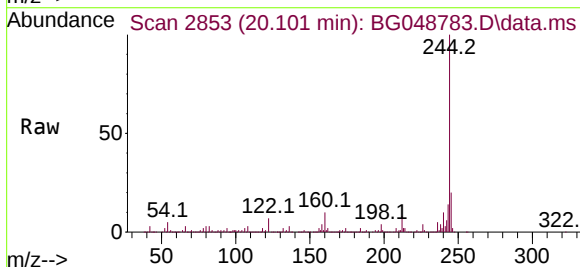
Instrument :
BNA_G
ClientSampled :
MW-13

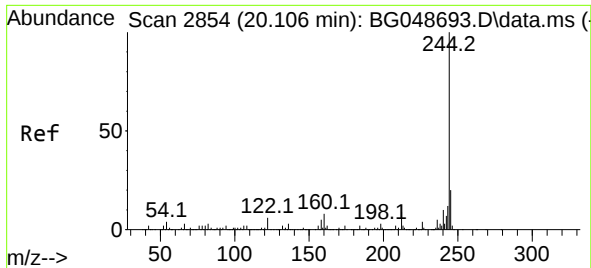
Tgt Ion:240 Resp: 122021
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 28.3 21.8 32.6



#77
Benzidine
Concen: 3.79 ng
RT: 20.101 min Scan# 2853
Delta R.T. 0.370 min
Lab File: BG048783.D
Acq: 20 Apr 2021 4:23

Tgt Ion:184 Resp: 12543
Ion Ratio Lower Upper
184 100
185 20.1 10.7 16.1#
183 9.4 9.4 14.0

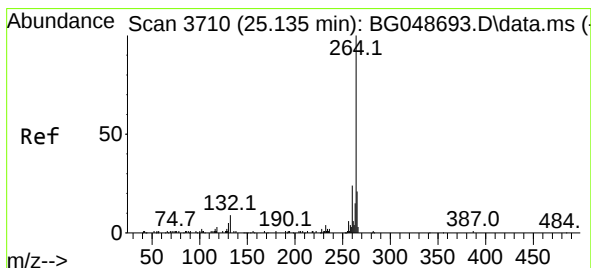
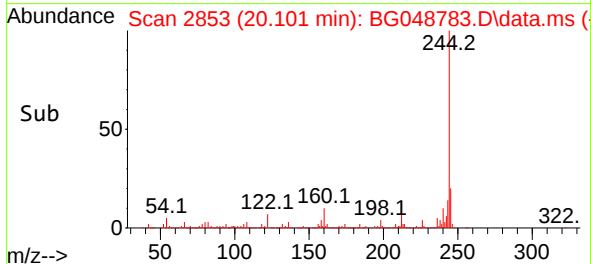
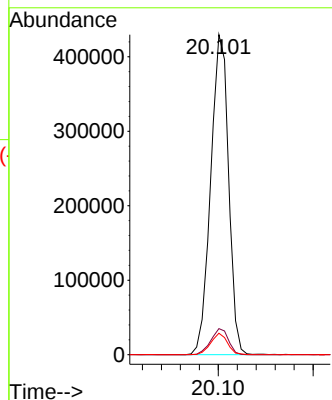
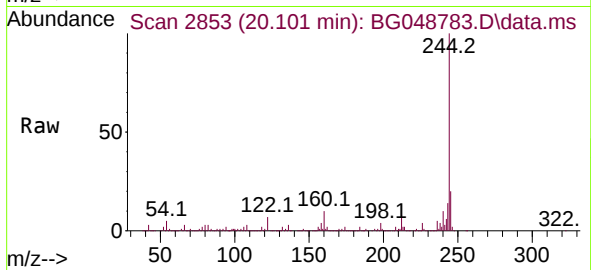




#79
 Terphenyl-d14
 Concen: 79.12 ng
 RT: 20.101 min Scan# 2853
 Delta R.T. -0.006 min
 Lab File: BG048783.D
 Acq: 20 Apr 2021 4:23

Instrument :
 BNA_G
 ClientSampled :
 MW-13

Tgt Ion:244 Resp: 560929
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 6.7 5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.124 min Scan# 3708
 Delta R.T. -0.018 min
 Lab File: BG048783.D
 Acq: 20 Apr 2021 4:23

Tgt Ion:264 Resp: 121463
 Ion Ratio Lower Upper
 264 100
 260 21.4 19.4 29.2
 265 23.6 16.9 25.3

